

### MISSISSIPPI STATE DEPARTMENT OF HEALTH

## BUREAU OF PUBLIC WATER SUPPLY

# CALENDAR YEAR 2010 CONSUMER CONFIDENCE REPORT CERTIFICATION FORM

Buena Vista Lakes
Public Water Supply Name

PWS ID # 0170020
List PWS ID #s for all Water Systems Covered by this CCR

The Federal Safe Drinking Water Act requires each *community* public water system to develop and distribute a consumer confidence report (CCR) to its customers each year. Depending on the population served by the public water system, this CCR must be mailed to the customers, published in a newspaper of local circulation, or provided to the customers upon request. Please Answer the Following Questions Regarding the Consumer Confidence Report Customers were informed of availability of CCR by: (Attach copy of publication, water bill or other)  $\Box$ Advertisement in local paper On water bills  $\overline{\Box}$ Other Date customers were informed: \_\_\_/\_/ CCR was distributed by mail or other direct delivery. Specify other direct delivery methods: Date Mailed/Distributed: 06/29/16 CCR was published in local newspaper. (Attach copy of published CCR or proof of publication) Name of Newspaper: Date Published: \_\_\_/ / CCR was posted in public places. (Attach list of locations) CCR was posted on a publicly accessible internet site at the address: www.\_\_\_ **CERTIFICATION** I hereby certify that a consumer confidence report (CCR) has been distributed to the customers of this public water system in the form and manner identified above. I further certify that the information included in this CCR is true and correct and is consistent with the water quality monitoring data provided to the public water system officials by the Mississippi State Department of Health, Bureau of Public Water Supply. Mark Pressgrow Contract Manager SouthWest WARE Company Name/Title (President, Mayor, Owner, etc.) Mail Completed Form to: Bureau of Public Water Supply/P.O. Box 1700/Jackson, MS 39215 Phone: 601-576-7518

570 East Woodrow Wilson • Post Office Box 1700 • Jackson, Mississippi 39215-1700 601/576-7634 • Fax 601/576-7931 • www.HealthyMS.com

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BUENA VISTA LAKES 2011 ANNUAL WATER QUALITY REPORT PWS ID 170020



SWWC Utilities, Inc. 136 E. Valley Street Hernando, MS 38632 Phone 866.945.2782 Fax 662.429.8891 www.swwc.com

Dear Valued Customer,

SouthWest Water Company wants to keep you informed about the excellent water and services we deliver to you. For this very reason, we are pleased to provide you with this year's annual water quality report. Our goal is and has always been to provide to you a safe, adequate, and dependable supply of drinking water. We at SouthWest Water Company work hard to provide safe, quality water to every tap on the system. We ask that all our customers help us protect our water sources, which are the heart of our community, our way of life, and our children's future.

**Sources of Supply** 

Our water source consists of two wells pumping from the Sparta aquifer from an average depth of 287 feet. Last year we conducted tests for over 80 contaminants, detecting only 8, none of which exceeded drinking water standards. This report is a snap-shot of last year's water quality. Included are details about where your water comes from, what it contains, and how it compares to standards set by regulatory agencies.

#### **Water Source Assessment**

Our source water assessment is complete. Both of our wells were ranked MODERATE in terms of susceptibility to contamination. As required by the Safe Drinking Water Act copies of this report are available upon request at our North Mississippi division office located at 136 E. Valley Street in Hernando MS. Although we hold no public meetings regarding the water quality report, we are happy to answer your questions. We want you to be informed about your water and SouthWest Water Company. If you have questions or comments about this water quality report, please contact Josh Jeffries at (866) 945-2782.

#### **Educational Information**

Some people may be more vulnerable to contaminants in drinking water than the general population. Immuno-compromised persons such as people with cancer undergoing chemotherapy, persons who have undergone organ transplants, people with **HIV/AIDS** or other

This information is important.

Please have someone translate it for you.

Esta información es importante. Por favor pidale a algulen que se la traduzca.

这一信息非常重要。请别人为您翻译一下。

Mahalaga ang impormasyong ito. Mangyaring ipasalin ito.

ਇਹ ਸੂਚਨਾ ਮਹਤੱਵਪੂਰਣ ਹੈ। ਕ੍ਰਿਪਾ ਕਰਕੇ ਕਿਸੀ ਤੋਂ ਇਸ ਦਾ ਅਨੁਵਾਦ ਕਰਾਉ।

Chi tiết này thật quan trọng. Xin nhờ người dịch cho quý vị.

> 這個資訊非常之重要。 請他人為您翻譯一下。

यह सूचना महत्वपूर्णे है । कृपा करके किसी से :सका अनुवाद करायें ।

> この情報は重要です。 翻訳を依頼してください。

이 안내는 매우 중요합니다. 본인을 위해 번역인을 사용하십시요.

هذه المعلومات هامة الرجاء أن تجعل أحد الأشخاص بساعدك في ترجمتها.

immune system disorders, some elderly, and infants can be particularly at risk from infections. These people should seek advice about drinking water from their health care providers. EPA/Centers for Disease Control (CDC) guidelines on appropriate means to lessen the risk of infection by Cryptosporidium and other microbial contaminants are available from the Safe Water Drinking Hotline (800-426-4791).

Drinking water, including bottled water, may reasonably be expected to contain at least small amounts of some contaminants. The presence of contaminants does not necessarily indicate that water poses a health risk. More information about contaminants and potential health effects can be obtained by calling the Environmental Protection Agency's (EPA) Safe Drinking Water Hotline (800-426-4791). The sources of drinking water (both tap water and bottled water) include rivers, lakes, streams, ponds, reservoirs, springs, and wells. As water travels over the surface of the land or through the ground, it dissolves naturally occurring minerals and, in some cases, radioactive material, and can pick up substances resulting from the presence of animals or from human activity; microbial contaminants, such as viruses and bacteria, that may come from sewage treatment plants, septic systems, agricultural livestock operations, and wildlife; inorganic contaminants, such as salts and metals, which can be naturally occurring or result from urban storm-water runoff, industrial, or domestic wastewater discharges, oil and gas production, mining, or farming; pesticides and herbicides, which may come from a variety of sources such as agriculture, urban storm-water runoff, and residential uses; organic chemical contaminants, including synthetic and volatile organic chemicals, which are by-products of industrial processes and petroleum production, and can also come from gas stations, urban storm-water runoff, and septic systems; and radioactive contaminants, which can be naturally occurring or be the result of oil and gas production and mining activities. In order to ensure that tap water is safe to drink, EPA prescribes regulations that limit the amount of certain contaminants in water provided by public water systems. Food and Drug Administration (FDA) regulations establish limits for contaminants in bottled water which must provide the same protection for public health. The table below lists all of the drinking water contaminants that we detected for the period of January 1st to December

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31st, 2010. The presence of contaminants in the water does not necessarily indicate that the water poses a health risk. Unless otherwise noted, the data presented in this table is from testing done in the calendar year of the report. The EPA or the State requires us to monitor for certain contaminants less than once per year because the concentrations of these contaminants do not change frequently. Some of the data, though representative of the water quality, may be more than one year old. In this table you will find terms and abbreviations you might not be familiar with. To better understand these we've provided the following definitions:

MCLG-Maximum Contaminant Level Goal- The level of a contaminant in drinking water below which there is no known or expected risk to health. MCLG's allow for a margin of safety.

MCL-Maximum Contaminant Level- The highest level of a contaminant that is allowed in drinking water. MCL's are set as close to the MCLG's as feasible using the best available treatment technology.

**AL-Action Level**- The concentration of a contaminant which, if exceeded, triggers treatment or other requirements that a water system must follow.

MRDLG-Maximum Residual Disinfection Level Goal- The level of a drinking water disinfectant below which there is no known or expected risk to health. MRDLG's do not reflect the benefits of the use of disinfectants to control microbial contaminants.

**MRDL-Maximum Residual Disinfection Level**- The highest level of a disinfectant allowed in drinking water. There is convincing evidence that addition of a disinfectant is necessary for control of microbial contaminants.

**Ppm-** Parts per million or milligrams per liter (mg/L)

Ppb- Parts per billion or micrograms per liter (ug/L)

N/A- Not applicable

Contaminants	MCLG or	MCL, AL,	Your	Range		Sample	Violation	
<u>(units)</u>	MRDLG	or MRDL	<u>Water</u>	Low	High	<u>Date</u>	Yes/No	Typical Source
Disinfectants & I					•	ь.		
(There is convincing	ng evidence th	at addition of	f a disinfect	ant is ne	cessary f	or control c	f microbial co	ontaminants.)
TTHMs (Total	N/A	80	9.1	N/A	N/A	2008	No	By-product of drinking
Trihalomethanes)								water disinfection
(ppb)								
Chlorine (as cl2)	4	4	1.07	0.9	1.8	2010	No	Water additive used to
(ppm)				<u> </u>				control microbes
Inorganic Conta	minants							
Arsenic	0	10	0.211	N/A	. N/A	2008	No	Erosion of natural deposits;
(ppb)								runoff from orchards; runoff
								from glass and electronics
B. 1		·						production wastes
Nitrate (ppm)	10	10	0.2	N/A	N/A	2010	No	Runoff from fertilizer use;
								leaching from septic tanks,
								sewage; erosion of natural
NI Sauda	-		0.05					deposits
Nitrite	1	1	0.05	N/A	N/A	2010	No	Runoff from fertilizer use;
(ppm)								leaching from septic tanks,
								sewage; erosion of natural
Barium	2	2	0.016	N1 / A	21/2	2000		deposits
	2	2	0.016	N/A	N/A	2008	No	Discharge of drilling wastes;
(ppm)								discharge from metal
							·	refineries; erosion of natural
			Your	# of C:	mnlec	Sample	Violation	deposits
Contaminants	MCLG	AL	Water	# of Samples Exceeding AL		Date	Yes/No	Typical Source
Copper-action	1.3	1.3	0.0759	LACCEC		2008	No.	Corrosion of household
evel at taps			0.0705	,	•	2000	110	plumbing systems; erosion
(ppm)	ļ							of natural deposits
Lead-action level	0	15	1.3	0		2008	No	Corrosion of household
at taps				,	•	2000	110	plumbing systems; erosion
(ppb)	İ	-						of natural deposits
aliana a di						<u> </u>		oatarar acposits

\*\*\*Additional information for Lead – If present, elevated levels of lead can cause serious health problems, especially for pregnant women and young children. Lead in drinking water is primarily from materials and components associated with service lines and home plumbing. SouthWest Water Company is responsible for providing high quality drinking water, but cannot control the variety of materials used in plumbing components. When your water has been sitting for several hours, you can minimize the potential for lead exposure by flushing your tap for 30 seconds to 2 minutes before using water for drinking or cooking. If you are concerned about lead in your water, you may wish to have your water tested. Information on lead in drinking water, testing methods, and steps you can take to minimize exposure is available from the Safe Drinking Water Hotline or at <a href="http://www.epa.gov/safewater/lead">http://www.epa.gov/safewater/lead</a>. The Mississippi State Department of Health Public Health Laboratory offers lead testing for \$10.00 per sample. Please contact 601-576-7582 if you wish to have your water tested.